

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Bella Vista Station to Kellyville Station"/>	<input type="text" value="October"/>	<input type="text" value="2018"/>	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring: Condition L3.2 - Noise limits Condition Condition L4.2 - Exemptions to standard working hours Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights Condition L4.6 - Additional works agreed outside of standard construction hours Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions							
Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>							
Comments <input type="text" value="NO NOISE MONITORING REQUIRED FOR OCTOBER 2018."/>							

WATER MONITORING DATA								
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged								
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>								
Comments <input type="text" value="NO WATER MONITORING REQUIRED FOR OCTOBER 2018."/>								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location		Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Number of times monitored during the month								
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018.

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018.

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
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Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018.

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
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			Select... ▼					
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Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018.

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Bella Vista Station"/>	<input type="text" value="October"/>	<input type="text" value="2018"/>	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring: Condition L3.2 - Noise limits Condition Condition L4.2 - Exemptions to standard working hours Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights Condition L4.6 - Additional works agreed outside of standard construction hours Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions							

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item							
Comments <input type="text" value="NO NOISE MONITORING REQUIRED FOR OCTOBER 2018."/>							

WATER MONITORING DATA								
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged								

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
SUBSTATION	1	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	7.3	7.3	6.5	8.5
SUBSTATION	1	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	10	10	0	50

<input type="checkbox"/> Insert item								
Comments <input type="text" value="BELLA VISTA SUBSTATION BASEMENT DISCHARGED ON THE 15th OCTOBER 2018 EPL WATER REQUIREMENTS MET PRIOR TO DISCHARGE."/>								

VIBRATION MONITORING DATA								
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions								
Monitoring location			Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	

Number of times monitored during the month	Event based monitoring (Y/N)						Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018.

AIR MONITORING DATA
 Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018.

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018.

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018.

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Castle Hill Station <input type="button" value="v"/>	October <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

NOISE MONITORING DATA
Specific EPL licence monitoring conditions for noise monitoring: Condition L3.2 - Noise limits Condition Condition L4.2 - Exemptions to standard working hours Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights Condition L4.6 - Additional works agreed outside of standard construction hours Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>							
Comments NO NOISE MONITORING REQUIRED FOR OCTOBER 2018							

WATER MONITORING DATA
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
OLD NORTH	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	6.9	6.9	6.5	8.5
OLD NORTH	1	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	0	0	0	50

<input type="button" value="Insert item"/>								
Comments TELSTRA PIT LOCATED ON OLD NORTHERN ROAD, CASTLE HILL. DISCHARGED ON THE 15th OCTOBER 2018. EPL WATER REQUIREMENTS MET PRIOR TO DISCHARGE.								

VIBRATION MONITORING DATA																
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">Monitoring location</th> <th style="width:10%;"></th> <th style="width:10%;"></th> <th style="width:10%;">Parameter Measured</th> <th style="width:10%;">Unit of measurement</th> <th style="width:10%;">Min Value</th> <th style="width:10%;">Max Value</th> <th style="width:10%;">Allowable Max</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> </tr> </tbody> </table>	Monitoring location			Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	<input type="text"/>							
Monitoring location			Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>									

Number of times monitored during the month	Event based monitoring (Y/N)						Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA
 Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Chatswood Station to ECRL Portal <input type="button" value="v"/>	October <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
 Condition L3.2 - Noise limits Condition
 Condition L4.2 - Exemptions to standard working hours
 Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
 Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
 Condition L4.6 - Additional works agreed outside of standard construction hours
 Condition M6.5 - Complaints
 Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
CHA6	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	61.4	61.4	65
CHA5	1	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	62.4	62.4	65

Comments

Out of Hours Work: Verification monitoring took place on two (2) individual occasions at the following locations: CHA6 & CHA5. NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period. Mitigation measures were implemented and alternate accommodation was offered to affected residents where the target dB was 65dB or greater.

NRT construction noise at CHA6 was audible and the dominate noise source. Construction noise consisted of: hand tools 65-69dB. NRT construction noise at CHA5 was audible and the dominate noise source. Construction noise consisted of: hand tools 65-69dB and Hi rail vehicles 65/75dB.

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
 Condition L2 - Concentration Limits
 Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
		Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>				

Comments

NO WATER QUALITY MONITORING REQUIRED FOR OCTOBER 2018

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
 Condition M6.5 - Complaints
 Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▾	Select... ▾	Select... ▾					

Insert item

Comments

NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▾	Select... ▾	Select... ▾					

Insert item

Comments

NO AIR MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning

Insert item

Comments

NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
			Select... ▾					

Insert item

Comments

NO EXCEEDANCES FOR OCTOBER 2018

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS		
Location:	Month:	Year:
Cheltenham Service Facility <input type="button" value="v"/>	October <input type="button" value="v"/>	2018 <input type="button" value="v"/>

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
 Condition L3.2 - Noise limits Condition
 Condition L4.2 - Exemptions to standard working hours
 Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
 Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
 Condition L4.6 - Additional works agreed outside of standard construction hours
 Condition M6.5 - Complaints
 Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
NCA-20	2	Attended <input type="button" value="v"/>	Yes <input type="button" value="v"/>	Leq <input type="button" value="v"/>	55.2	56.9	50

Insert item

Comments

Out of Hours Work: Verification monitoring took place on two (2) individual occasions at the following location: NCA-20
 NRT construction noise was inaudible during this monitoring period.
 It was noted that extraneous noise (traffic) was the dominate noise source during the monitoring period.

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
 Condition L2 - Concentration Limits
 Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
		Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>				

Insert item

Comments

NO WATER QUALITY MONITORING REQUIRED FOR OCTOBER 2018

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
 Condition M6.5 - Complaints
 Condition M7.1 - Other monitoring conditions

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Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
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<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
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<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item
Comments
 NO AIR QUALITY MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
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<input type="text"/>									
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Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018

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Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Cherrybrook Station	October	2018	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring: Condition L3.2 - Noise limits Condition Condition L4.2 - Exemptions to standard working hours Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights Condition L4.6 - Additional works agreed outside of standard construction hours Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions							
Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
CB01	2	Attended	Yes	Leq	57	61.3	65
CB02	1	Attended	Yes	Leq	42.9	42.9	65
CB04	2	Attended	Yes	Leq	55.6	67.6	70
<input type="button" value="Insert item"/>							
Comments							
<p>Out of Hours Work: Verification monitoring took place on five (5) individual occasions at the following locations: CB01, CB02 & CB04. NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period. Mitigation measures were implemented and alternate accommodation was offered to affected residents where the target dB was 65dB or greater.</p> <p>NRT construction noise at CB01 was audible and the dominant noise source. Construction noise consisted of excavators 53-55dB, and intermittent saw cutting 70dB. Saw cutting ceased by 12.30am.</p> <p>NRT construction noise at CB02 was audible and the dominant noise source. Construction noise consisted of excavators 45dB, and intermittent saw cutting 53dB and general construction noise 37 - 42dB. Saw cutting ceased by 12.30am.</p> <p>NRT construction noise at CB04 was audible and the dominant noise source. Construction noise consisted of crane set up 68-72dB. Extraneous noise was audible during monitoring. Traffic along Castle Hill Road 68-80dB.</p>							

WATER MONITORING DATA									
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit	
CB-01	2	Yes	pH	pH	7.8	7.9	6.5	8.5	
CB-01	2	Yes	TSS	NTU	30	40	0	50	

Comments

SEDIMENT BASIN CB-01 WAS DISCHARGED ON THE FOLLOWING DATES: 9th & 23rd OCTOBER 2018.
 EPL WATER REQUIREMENTS WERE MET PRIOR TO DISCHARGE.

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:
 Condition M6.5 - Complaints
 Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▼	Select... ▼	Select... ▼					

Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▼	Select... ▼	Select... ▼					

Insert item
Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning

Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
			Select... ▼					

Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018

<input type="submit" value="Submit"/>

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Cudgegong Road Station to Rapid Transit Rail Fac <input type="text"/>	October <input type="text"/>	2018 <input type="text"/>	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring:							
Condition L3.2 - Noise limits Condition							
Condition L4.2 - Exemptions to standard working hours							
Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends							
Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights							
Condition L4.6 - Additional works agreed outside of standard construction hours							
Condition M6.5 - Complaints							
Condition M7.1 - Other Monitoring Conditions							
Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item							
Comments NO NOISE MONITORING REQUIRED FOR OCTOBER 2018							

WATER MONITORING DATA								
Specific EPL licence monitoring conditions for water monitoring:								
Condition L2 - Concentration Limits								
Condition M2 - Requirement to monitor concentration of pollutants discharged								
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item								
Comments NO WATER MONITORING REQUIRED FOR OCTOBER 2018								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring:									
Condition M6.5 - Complaints									
Condition M7.1 - Other monitoring conditions									
Monitoring location	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

	Number of times monitored during the month								
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Select...
 Select...
 Select...

Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
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Select...
 Select...
 Select...

Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
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Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
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Select...

Comments
 NO EXCEEDANCES FOR OCTOBER 2018

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Cudgong Road Station <input type="text"/>	October <input type="text"/>	2018 <input type="text"/>	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring: Condition L3.2 - Noise limits Condition Condition L4.2 - Exemptions to standard working hours Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights Condition L4.6 - Additional works agreed outside of standard construction hours Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions							
Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item							
Comments NO NOISE MONITORING REQUIRED FOR OCTOBER 2018							

WATER MONITORING DATA											
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged											
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit			
SB04	3	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	7.7	8.1	6.5	8.5			
SB04	3	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	30	50	0	50			
FARM DAM	2	Yes <input type="text"/>	pH <input type="text"/>	NTU <input type="text"/>	8.0	8.2	6.5	8.5			
FARM DAM	2	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	40	50	0	50			
<input checked="" type="checkbox"/> Insert item											
Comments Sediment basin SB04 was discharged on the following dates: 16th, 19th & 22nd October 2018. The Farm Dam was discharged on the following dates: 16th & 22nd October 2018. EPL water quality requirements were met prior to discharge.											

VIBRATION MONITORING DATA
Specific EPL licence monitoring conditions for vibration monitoring:

Condition M6.5 - Complaints									
Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>									
Comments NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018									
AIR MONITORING DATA									
Specific EPL licence monitoring conditions for air monitoring: N/A									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>									
Comments NO AIR MONITORING REQUIRED FOR OCTOBER 2018									
CORRECTION LOG									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>									
Comments NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018									
EXCEEDANCES									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="button" value="Insert item"/>									
Comments NO EXCEEDANCES FOR OCTOBER 2018									
<input type="button" value="Submit"/>									

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Epping Service Facility"/>	<input type="text" value="October"/>	<input type="text" value="2018"/>	

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
 Condition L3.2 - Noise limits Condition
 Condition L4.2 - Exemptions to standard working hours
 Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
 Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
 Condition L4.6 - Additional works agreed outside of standard construction hours
 Condition M6.5 - Complaints
 Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
EP01	1	Attended	Yes	Leq	51.2	51.2	65
EP02	1	Attended	Yes	Leq	53.6	53.6	65
EP03	1	Attended	Yes	Leq	49.4	49.4	65
EP04	2	Attended	Yes	Leq	50.3	51.2	65

Comments

Out of Hours Work: Verification monitoring took place on five (5) individual occasions at the following locations: EP01,EP02,EP03 & EP04.

NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period. Mitigation measures were implemented and alternate accommodation was offered to affected residents where the target dB was 65dB or greater.

NRT construction noise at EP01 was audible during the monitoring period. Construction noise consisted of saw cutting 41-42dB. Extraneous noise (traffic) was the dominate noise during the monitoring period 51-60dB.

NRT construction noise at EP02 was audible and the dominate noise source. Construction noise consisted of saw cutting 45 - 57dB.

NRT construction noise at EP03 was audible and the dominate noise source. Construction noise consisted of saw cutting 45 - 49dB.

NRT construction noise at EP04 was audible and the dominate noise source. Construction noise consisted of saw cutting 45 - 47dB, Generator operating 50-52dB & vacuum truck 54dB.

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
 Condition L2 - Concentration Limits
 Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	Select...	Select...	Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

NO WATER QUALITY MONITORING REQUIRED FOR OCTOBER 2018

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018									
AIR MONITORING DATA									
Specific EPL licence monitoring conditions for air monitoring: N/A									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments NO AIR QUALITY MONITORING REQUIRED FOR OCTOBER 2018									
CORRECTION LOG									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018									
EXCEEDANCES									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input checked="" type="checkbox"/> Insert item Comments NO EXCEEDANCES REQUIRED FOR OCTOBER 2018									

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS

Location:

Epping to Chatswood Rail Link

Month:

October

Year:

2018

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:

Condition L3.2 - Noise limits Condition

Condition L4.2 - Exemptions to standard working hours

Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends

Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights

Condition L4.6 - Additional works agreed outside of standard construction hours

Condition M6.5 - Complaints

Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
EP02	16	Attended	Yes	Leq	46.1	66.1	75
EP03	15	Attended	No	Leq	42.9	64	62
EP04	14	Attended	Yes	Leq	40	62.3	75
EP05	13	Attended	Yes	Leq	58.3	73.7	65
ECRL1	10	Attended	No	Leq	53.9	75.6	75
ECRL3	2	Attended	Yes	Leq	45.4	63.2	83
ECRL4	10	Attended	Yes	Leq	51.1	75	75
ECRL5	9	Attended	Yes	Leq	49.9	72.7	75
ECRL6	9	Attended	Yes	Leq	43.2	66.3	75
ECRL10	11	Attended	Yes	Leq	51.3	70.6	75
ECRL11	7	Attended	Yes	Leq	67.1	76.9	75
ECRL13	3	Attended	Yes	Leq	50.6	66	75
HS02	4	Attended	Yes	Leq	49.2	58.5	69
HS03	2	Attended	Yes	Leq	51.3	65.6	78
SL01	3	Attended	Yes	Leq	68.6	72.9	53

 Insert item
Comments

Out of Hours Work: Verification monitoring took place on 128 individual occasions at the following locations: EP02, EP03, EP04, EP05, ECRL1, ECRL3, ECRL4, ECRL5, ECRL6, ECRL10, ECRL11, ECRL13, HS02, HS03 & SL01

NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period. It was noted that extraneous noise (traffic) was the dominate noise source where the Leq exceeded the target dB level. Mitigation measures were implemented and alternate accommodation was offered to affected residents where the target dB was 65dB or greater during NRT construction work.

NRT construction noise at EP02 was audible on seven (7) individual occasions and inaudible on nine (9) individual occasions. Construction noise consisted of: Saw cutting 74dB, Track works 64 - 66dB, construction machines 52 - 60dB. Extraneous noise was present during the monitoring period predominately consisting of traffic 65/70dB and passing passenger/ freight trains 73 - 80dB. NRT construction noise at EP03 was audible on one (1) individual occasion and inaudible on fourteen (14) individual occasions. Construction noise consisted of operating machines and reversing quackers 40- 42dB . Extraneous noise was the dominate noise source during the monitoring period, predominately consisting of traffic passing by on nearby roads 65/80dB. NRT construction noise at EP04 was audible on four (4) individual occasions and inaudible on ten (10) individual occasions. Construction noise consisted of: rail tamping 57dB & construction machines 51 - 56dB. Extraneous noise was audible during the monitoring period, predominately consisting of traffic passing by on nearby roads 40/65dB. NRT construction noise was inaudible at EP05. Extraneous noise (traffic) was the dominate noise source 60 - 80dB. NRT construction noise at ECRL1 was audible on eight (8) individual occasions and inaudible on two (2) individual occasions. Construction noise consisted of: Loading of ballast 56 - 59dB, Hammering 76 - 87dB, non- hammering construction works 55 - 60dB. Extraneous noise was audible during the monitoring period , predominately consisting of traffic passing on nearby roads 68 - 75dB. NRT construction noise at ECRL3 was audible on two (2) individual occasions and inaudible on one (1) individual occasions. Construction noise consisted of general works 63dB. NRT construction noise at ECRL4 was audible on eight (8) individual occasions and inaudible on two (2) individual occasions. Construction noise consisted of: general construction works, reversing quackers & machines moving 55 - 67dB, Rail grinding 65dB, Track hammering 75dB. NRT construction noise at ECRL5 was audible on seven (7) individual occasions and inaudible on two (2) individual occasions. Construction noise consisted of: Saw cutting 62dB, concrete hammering works 75/82dB, laying ballast 44 - 49dB, Hi- rail plant 70dB .Extraneous noise audible when construction activities not occurring 55dB. NRT construction noise at ECRL6 was audible on two (2) individual occasions and inaudible on seven (7) individual occasions. Construction noise consisted of: excavator tracking and working 55 - 69dB. Note: non NRT machinery working in the same area during the monitoring period 48 - 65dB. Extraneous noise was audible during the monitoring period , predominately consisting of traffic passing on nearby roads 65dB. NRT construction noise at ECRL10 was audible on three (3) individual occasions and inaudible on eight (8) individual occasions. Construction noise consisted of: Jackhammering intermittently 67dB, general construction noise 45 - 55dB. Extraneous noise was the dominate noise source during the monitoring period , predominately consisting of traffic passing on nearby roads 60 - 70dB. NRT construction noise at ECRL11 was audible on one (1) individual occasion and inaudible on six (6) individual occasions. Construction noise consisted of general construction noise 65dB. Extraneous noise was the dominate noise source during the monitoring period , predominately consisting of traffic passing on nearby roads 65 - 85dB. NRT construction noise at ECRL13 was audible on all three (3) individual occasions. Construction noise consisted of: Hand tools 60dB & re railing works 60 - 65dB. NRT construction noise at HS02 was inaudible on all four (4) individual occasions. NRT construction noise at HS03 was inaudible on all two (2) individual occasions. Extraneous noise was the dominate noise source during the monitoring period , predominately consisting of traffic passing on nearby roads 60 - 75dB. NRT construction noise at SL01 was inaudible on all three (3) individual occasions. Extraneous noise was the dominate noise source during the monitoring period , predominately consisting of traffic passing on nearby roads 60 - 72dB.

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:

Condition L2 - Concentration Limits

Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	Select... ▼	Select... ▼	Select... ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item

Comments

NO WATER QUALITY MONITORING REQUIRED FOR OCTOBER 2018

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▾	Select... ▾	Select... ▾					
<input type="checkbox"/> Insert item Comments NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018									
AIR MONITORING DATA									
Specific EPL licence monitoring conditions for air monitoring: N/A									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▾	Select... ▾	Select... ▾					
<input type="checkbox"/> Insert item Comments NO AIR QUALITY MONITORING REQUIRED FOR OCTOBER 2018									
CORRECTION LOG									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="checkbox"/> Insert item Comments NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018									
EXCEEDANCES									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary	
			Select... ▾						
<input type="checkbox"/> Insert item Comments NO EXCEEDANCES FOR OCTOBER 2018									
<input type="button" value="Submit"/>									

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
<input type="text" value="Kellyville Station to Rouse Hill Station"/>	<input type="text" value="October"/>	<input type="text" value="2018"/>	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring: Condition L3.2 - Noise limits Condition Condition L4.2 - Exemptions to standard working hours Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights Condition L4.6 - Additional works agreed outside of standard construction hours Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions							
Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item							
Comments <input type="text" value="NO NOISE MONITROING REQUIRED FOR OCTOBER 2018"/>							

WATER MONITORING DATA											
Specific EPL licence monitoring conditions for water monitoring: Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged											
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit			
RSH-D	2	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	NTU <input type="button" value="v"/>	7.8	8.0	6.5	8.5			
RSH-D	2	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	12	30	0	50			
RSH-C	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	NTU <input type="button" value="v"/>	6.8	6.8	6.5	8.5			
RSH-C	1	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	12	12	0	50			
<input checked="" type="checkbox"/> Insert item											
Comments <input type="text" value="SEDIMENT BASIN RSH-D WAS DISCHARGED ON THE FOLLOWING DATES: 26th & 31st OCTOBER 2018
SEDIMENT BASIN RSH-C WAS DISCHARGED ON THE 18th OCTOBER 2018
EPL WATER REQUIREMENTS MET PRIOR TO DISCHARGE."/>											

VIBRATION MONITORING DATA
Specific EPL licence monitoring conditions for vibration monitoring:

Condition M6.5 - Complaints
 Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▼	Select... ▼	Select... ▼					

Insert item
Comments
 NO VIBRATION MONITROING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▼	Select... ▼	Select... ▼					

Insert item
Comments
 NO AIR MONITROING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning

Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
			Select... ▼					

Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Kellyville Station	October	2018	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring:							
Condition L3.2 - Noise limits Condition							
Condition L4.2 - Exemptions to standard working hours							
Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends							
Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights							
Condition L4.6 - Additional works agreed outside of standard construction hours							
Condition M6.5 - Complaints							
Condition M7.1 - Other Monitoring Conditions							

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
KVE03	1	Attended	Yes	Leq	51.2	51.2	68
KVE05	1	Attended	Yes	Leq	50.7	50.7	57

Insert item

Comments

Out of Hours Work: Verification monitoring took place on two (2) individual occasions at the following locations: KVE03 & KVE05. NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period. It was noted that extraneous noise (traffic) was the dominate noise source at both monitoring locations. NRT construction noise at KVE03 & KVE05 was audible on both occasions. A concrete truck (49dB) and a generator from a lighting tower (48dB) could be heard during the monitoring period.

WATER MONITORING DATA								
Specific EPL licence monitoring conditions for water monitoring:								
Condition L2 - Concentration Limits								
Condition M2 - Requirement to monitor concentration of pollutants discharged								

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
KVE-03	4	Yes	pH	NTU	6.5	8.4	6.5	8.5
KVE-03	4	Yes	TSS	NTU	35	40	0	50

Insert item

Comments

SEDIMENT BASIN KVE-03 WAS DISCHARGED ON THE FOLLOWING DATES: 8th,11th,19th & 29th OCTOBER 2018. EPL WATER REQUIREMENTS WERE MET PRIOR TO DISCHARGE.

VIBRATION MONITORING DATA

Specific EPL licence monitoring conditions for vibration monitoring:

Condition M6.5 - Complaints

Condition M7.1 - Other monitoring conditions

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▾	Select... ▾	Select... ▾					

 Insert item

Comments

NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018.

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:

N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
		Select... ▾	Select... ▾	Select... ▾					

 Insert item

Comments

NO AIR MONITORING REQUIRED FOR OCTOBER 2018.

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
									

 Insert item

Comments

NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018.

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
			Select... ▾					

 Insert item

Comments

NO EXCEEDANCES FOR OCTOBER 2018.

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location: Norwest Station <input type="text"/>	Month: October <input type="text"/>	Year: 2018 <input type="text"/>	

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
 Condition L3.2 - Noise limits Condition
 Condition L4.2 - Exemptions to standard working hours
 Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
 Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
 Condition L4.6 - Additional works agreed outside of standard construction hours
 Condition M6.5 - Complaints
 Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item							
Comments NO NOISE MONITORING REQUIRED FOR OCTOBER 2018							

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
 Condition L2 - Concentration Limits
 Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
NW-A	3	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	8.3	8.5	6.5	8.5
NW-A	3	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	27	30	0	50

Insert item

Comments
 SEDIMENT BASIN NW-A WAS DISCHARGED ON THE FOLLOWING DATES: 8th, 22nd & 25th OCTOBER 2018
 EPL WATER REQUIREMENTS WERE MET PRIOR TO DISCHARGE.

VIBRATION MONITORING DATA								
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions								
Monitoring location			Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	

	Number of times monitored during the month	Event based monitoring (Y/N)						Percentile Limit (eg 90th)	Percentile reporting period
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<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
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<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item
Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
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<input type="text"/>									
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Insert item
Comments
 NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
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<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>				
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Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Rapid Transit Rail Facility <input type="button" value="v"/>	October <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring:							
Condition L3.2 - Noise limits Condition							
Condition L4.2 - Exemptions to standard working hours							
Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends							
Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights							
Condition L4.6 - Additional works agreed outside of standard construction hours							
Condition M6.5 - Complaints							
Condition M7.1 - Other Monitoring Conditions							
Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item							
Comments							
NO NOISE MONITORING REQUIRED FOR OCTOBER 2018							

WATER MONITORING DATA								
Specific EPL licence monitoring conditions for water monitoring:								
Condition L2 - Concentration Limits								
Condition M2 - Requirement to monitor concentration of pollutants discharged								
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item								
Comments								
NO WATER MONITORING REQUIRED FOR OCTOBER 2018								

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring:									
Condition M6.5 - Complaints									
Condition M7.1 - Other monitoring conditions									
Monitoring location	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

	Number of times monitored during the month								
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018

AIR MONITORING DATA

Specific EPL licence monitoring conditions for air monitoring:
 N/A

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
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		Select... ▼	Select... ▼	Select... ▼					
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Insert item
Comments
 NO AIR MONITORING REQUIRED FOR OCTOBER 2018

CORRECTION LOG

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
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Insert item
Comments
 NO CORRECTION LOGS FOR OCTOBER 2018

EXCEEDANCES

Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary
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			Select... ▼					
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Insert item
Comments
 NO EXCEEDANCES FOR OCTOBER 2018

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Rouse Hill Station to Cudgegong Road Station <input type="button" value="v"/>	October <input type="button" value="v"/>	2018 <input type="button" value="v"/>	

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
 Condition L3.2 - Noise limits Condition
 Condition L4.2 - Exemptions to standard working hours
 Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
 Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
 Condition L4.6 - Additional works agreed outside of standard construction hours
 Condition M6.5 - Complaints
 Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item

Comments

NO NOISE MONITORING REQUIRED FOR OCTOBER 2018

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
 Condition L2 - Concentration Limits
 Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
G4 SUMP	2	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.6	8.5	6.5	8.5
G4 SUMP	2	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	30	30	0	50
CUD-C	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.6	7.6	6.5	8.5
CUD-C	1	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	10	10	0	50
CUD-D	1	Yes <input type="button" value="v"/>	pH <input type="button" value="v"/>	pH <input type="button" value="v"/>	7.4	7.4	6.5	8.5
CUD-D	1	Yes <input type="button" value="v"/>	TSS <input type="button" value="v"/>	NTU <input type="button" value="v"/>	20	20	0	50

Insert item

Comments

SEDIMENT BASIN CUD-C WAS DISCHARGED ON THE 22nd OCTOBER 2018.
 SEDIMENT BASIN CUD-D WAS DISCHARGED ON THE 22nd OCTOBER 2018.
 G4 SUMP WAS DISCAHRGED ON THE FOLLOWING DATES: 16th & 22nd OCTOBER 2018.
 EPL WATER REQUIREMENTS WERE MET PRIOR TO DISCHARGE.

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments NO VIBRATION MONITROING REQUIRED FOR OCTOBER 2018									
AIR MONITORING DATA									
Specific EPL licence monitoring conditions for air monitoring: N/A									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments NO AIR MONITROING REQUIRED FOR OCTOBER 2018									
CORRECTION LOG									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Insert item Comments NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018									
EXCEEDANCES									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input checked="" type="checkbox"/> Insert item Comments NO EXCEEDANCES FOR OCTOBER 2018									
<input type="button" value="Submit"/>									

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS			
Location:	Month:	Year:	
Rouse Hill Station	October	2018	

NOISE MONITORING DATA							
Specific EPL licence monitoring conditions for noise monitoring:							
Condition L3.2 - Noise limits Condition							
Condition L4.2 - Exemptions to standard working hours							
Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends							
Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights							
Condition L4.6 - Additional works agreed outside of standard construction hours							
Condition M6.5 - Complaints							
Condition M7.1 - Other Monitoring Conditions							

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
RSH02	2	Attended	Yes	Leq	47.7	51.1	53
RSH03	4	Attended	Yes	Leq	48.8	52.0	53

Comments

Out of Hours Work: Verification monitoring took place on four (4) individual occasions at the following locations: RSH02 & RSH03. NRT construction noise was found to be within the specified noise limit at all locations during this monitoring period. NRT construction noise at RSH02 was inaudible. Extraneous traffic was the dominate noise source. NRT construction noise at RSH03 was audible on two (2) individual monitoring occasions. NRT construction noise consisted of power tools operating between 47 - 52dB, reversing machines 49.3dB. Construction noise levels were measured to be within the specified noise limit. Extraneous noise - traffic was constant and the dominate noise source during the monitoring period.

WATER MONITORING DATA								
Specific EPL licence monitoring conditions for water monitoring:								
Condition L2 - Concentration Limits								
Condition M2 - Requirement to monitor concentration of pollutants discharged								

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
RSH-E	1	Yes	pH	pH	8.5	8.5	6.5	8.5
RSH-E	1	Yes	TSS	NTU	25	25	0	50

Comments

Sediment basin RSH-E was discharged on the 19th October 2018. Water quality was analysed and treated prior to discharge.

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... ▾	Select... ▾	Select... ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item Comments NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018									
AIR MONITORING DATA									
Specific EPL licence monitoring conditions for air monitoring: N/A									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... ▾	Select... ▾	Select... ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item Comments NO AIR MONITORING REQUIRED FOR OCTOBER 2018									
CORRECTION LOG									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Insert item Comments NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018									
EXCEEDANCES									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> Insert item Comments NO EXCEEDANCES FOR OCTOBER 2018									

Submit

EPL No.	20544	EPL Monitoring Data	
Project	Sydney Metro Northwest OTS Works		
EPL Weblink:	http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20544&id=20544&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued		

DETAILS		
Location:	Month:	Year:
<input type="text" value="Showground Station"/>	<input type="text" value="October"/>	<input type="text" value="2018"/>

NOISE MONITORING DATA

Specific EPL licence monitoring conditions for noise monitoring:
 Condition L3.2 - Noise limits Condition
 Condition L4.2 - Exemptions to standard working hours
 Condition L4.4 - Works Approved Outside of Standard Construction Hours – Weekends
 Condition L4.5 - Works Approved Outside of Standard Construction Hours - Weekday evenings and nights
 Condition L4.6 - Additional works agreed outside of standard construction hours
 Condition M6.5 - Complaints
 Condition M7.1 - Other Monitoring Conditions

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB (A) for month	max value dB (A) for month	goals / targets dB(A)
<input type="text"/>	<input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	Select... <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Insert item

Comments

Out of Hours Work: Verification monitoring took place on one (1) individual occasion at the following location: SG03 NRT construction noise was found to be within the specified noise limit at this location during this monitoring period. It was noted that extraneous noise (traffic) along Carrington Rd was the dominate noise source as the Leq exceeded the target dB level.

NRT construction noise at SG03 was audible during the monitoring period when traffic was not passing. A construction vacuum was audible intermittently at 44dB - 46db . NRT construction noise during the monitoring period was intermittent and was generally around 42dB.

WATER MONITORING DATA

Specific EPL licence monitoring conditions for water monitoring:
 Condition L2 - Concentration Limits
 Condition M2 - Requirement to monitor concentration of pollutants discharged

Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
SG-B	3	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	8.1	8.5	6.5	8.5
SG-B	3	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	28	50	0	50
GPT	1	Yes <input type="text"/>	pH <input type="text"/>	pH <input type="text"/>	6.7	6.7	6.5	8.5
GPT	1	Yes <input type="text"/>	TSS <input type="text"/>	NTU <input type="text"/>	10	10	0	50

Insert item

Comments

SEDIMENT BASIN SG-B WAS DISCHARGED ON THE FOLLOWING DATES: 3rd, 17th &23rd OCTOBER 2018
 GPT WAS DISCHARGED ON THE 15th OCTOBER 2018
 EPL WATER REQUIREMENTS WERE MET PRIOR TO DISCHARGE.

VIBRATION MONITORING DATA									
Specific EPL licence monitoring conditions for vibration monitoring: Condition M6.5 - Complaints Condition M7.1 - Other monitoring conditions									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>									
Comments NO VIBRATION MONITORING REQUIRED FOR OCTOBER 2018.									
AIR MONITORING DATA									
Specific EPL licence monitoring conditions for air monitoring: N/A									
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter Measured	Unit of measurement	Min Value	Max Value	Allowable Max	Percentile Limit (eg 90th)	Percentile reporting period
<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>									
Comments NO AIR MONITORING REQUIRED FOR OCTOBER 2018.									
CORRECTION LOG									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Original result	Corrected Result	Date Corrected	Reasoning
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Insert item"/>									
Comments NO CORRECTION LOGS REQUIRED FOR OCTOBER 2018.									
EXCEEDANCES									
Sample Date and Time	Monitoring location	Type of monitoring (noise, water etc)	Event based monitoring (Y/N)	Parameter Measured (eg TSS, LAEq)	Unit (eg Mg/L)	Result	Allowable Limit	Commentary	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Select... <input type="button" value="v"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="button" value="Insert item"/>									
Comments NO EXCEEDANCES FOR OCTOBER 2018.									

Submit
